

Converting Colors

Hex(48FF81)

Have a look what the booklet for
Hex(48FF81) contains.

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Color

Hex(48FF81)

Conversions

Conversions Part 1

Format	Color
Hex	48FF81
RGB	72, 255, 129
RGB Percent	28%, 100%, 51%
CMY	0.7176, 0.0000, 0.4941
CMYK	0.72, 0.00, 0.49, 0.00
HSL	139°, 100%, 64%
HSV	139°, 72%, 100%
XYZ	42.3949, 74.4827, 32.9110
YIQ	185.9190, -68.6220, -77.9820

Conversions

Conversions Part 2

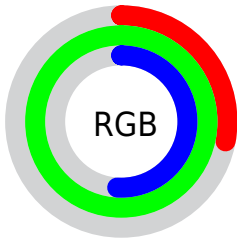
Format	Color
RYB	72, 212, 255
Decimal	4784001
CIELab	89.15, -71.21, 47.07
CIELCh	89, 85.357, 146.533
Yxy	74.4827, 0.2830, 0.4973
Android (android.graphics.Color)	4282974081 (0xFF48FF81)
YUV	185.9190, -28.0611, -99.9070
Hunter-Lab	86.3034, -63.3460, 37.8026

Details

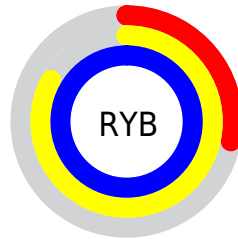
The Hex color **48FF81** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF48C6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8FFFB8**, and **00C54C** is the 20% darker color. If you saturate the color by 10%, you get **2FFF6F**, and if you desaturate by 10%, it is **62FF93**.

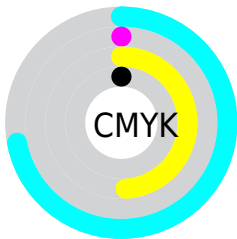
Distribution



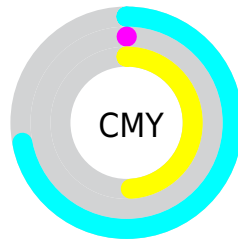
- Red (28%)
- Green (100%)
- Blue (51%)



- Red (28%)
- Yellow (83%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48FF81 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 48FF81 by changing the saturation by 10% instead.

 48FF81

 48FF81

FFFFFF

 08E266

 8FFFB8

 00C54C

 AFFFD4

 00A932

 CEFFF1

 008D15

 EEEFFF

 007200

 005800

 003F00

 002600

 000000

 48FF81

 48FF81

 2FFF6F

 62FF93

 15FF5E

 7BFFA4

 00FF4F

 94FFB6

 AEFFC7

 C8FFD9

 E1FFEA

 FBFFFC

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C2F13C



48FF81



00FFD4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48FF81



00ECFF



FF999C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48FF81



FF48C6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF91ED



48FF81



CECEFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48FF81



00FEFF



FFAAFF



FFB856

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48FF81



00FFFF



FFAAFF



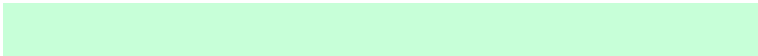
FF93B6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48FF81



C7FFD8



C8FF48



5E8069



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48FF81



24FF68



48FFDA



738077



00BF3C



004014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF48C6



FF24BB



FF486D



80737C



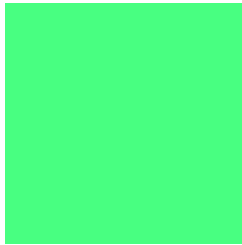
BF0084



40002C

Previews

White Background



This preview shows how the Hex color 48FF81 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 48FF81 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 48FF81 Background



This preview shows how black text looks on a background with the Hex color 48FF81.

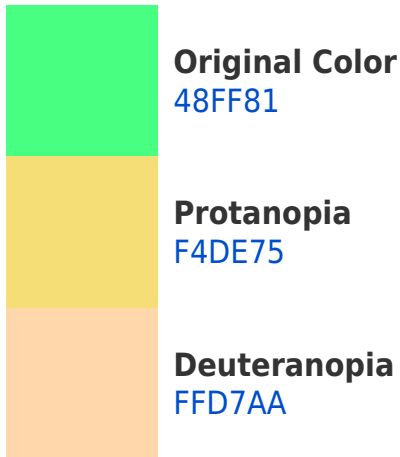


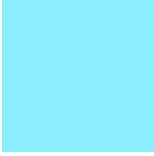
This preview shows how white text looks on a background with the Hex color 48FF81.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
8AEEFF

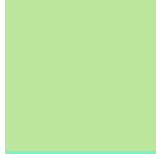
Trichromacy



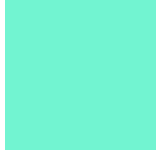
Original Color
48FF81



Protanomaly
B5EA79

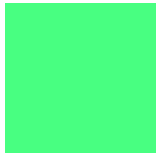


Deuteranomaly
BCE69B

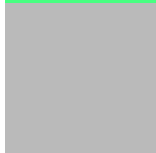


Tritanomaly
72F4D1

Monochromacy



Original Color
48FF81



Achromatopsia
BABABA



Achromatomaly
91D3A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 48FF81 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #48FF81 looks like.

```
.text, #text, p{  
    color:#48FF81  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #48FF81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48FF81
}
```

Border

The CSS property to change the border of an element to Hex 48FF81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48FF81 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#48FF81 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #48FF81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48FF81; -webkit-box-shadow:4px 4px  
4px 4px #48FF81; box-shadow:4px 4px 4px  
4px #48FF81 }
```

Background

The CSS property to change the background color of an element to Hex 48FF81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48FF81 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#48FF81 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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